

ABSTRACT OF THE DISCLOSURE

A color wheel includes a carrier element, a filter group, and a connection component. The carrier element includes a central bearing, a first carrier, and a second carrier. The carrier element rotates around the central bearing. The first carrier has at least one aperture. The filter group has a transparent zone and a filter bonding zone. The filter group and the carrier element share the central bearing. The filter bonding zone has at least one concave zone. The combining component is simultaneously in the apertures of the first carrier and the filter bonding zone to fix the filter bonding zone of the filter group between the first carrier and the second carrier.